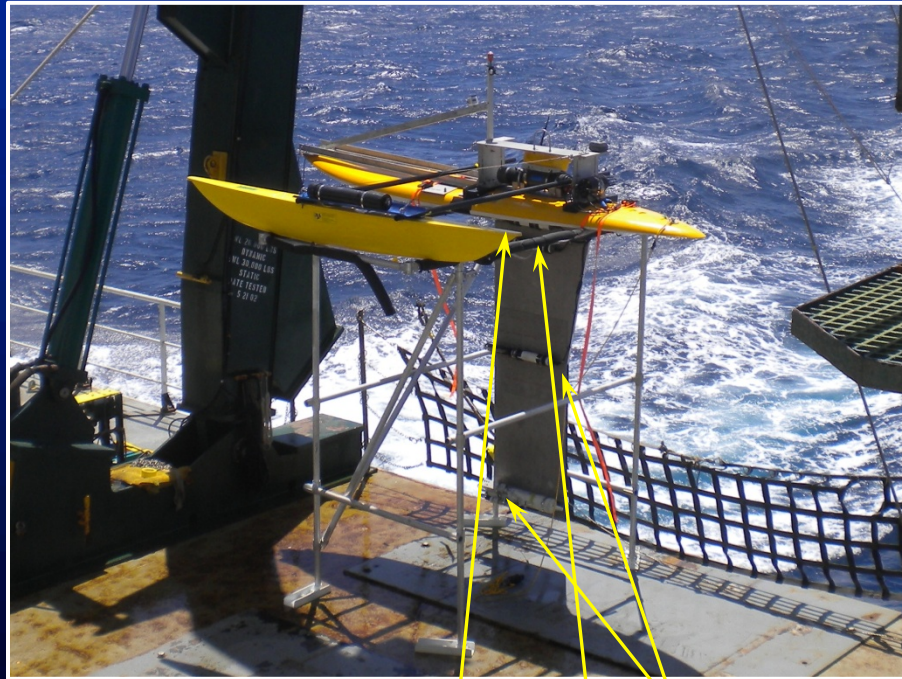


# Measuring Near-Surface Salinity Gradients

William Asher and Andy Jessup, APL-UW



Instrumented with:

0.05 m Seabird 49 CTD

0.20 m Seabird 49 CTD

1.00 m Seabird 49 CTD

2.00 m Seabird 19 CTD

## Surface Salinity Profiler (SSP)

Towed from ship

Follows surface at tow speeds of 2 m/s

Rides outboard of wake

Instruments mounted on rigid keel



# SSS Gradient from Rain Event, Equatorial Pacific

*R/V Kilo Moana*, December 13, 2011 12.07 N, 160.9 W

